# 

<b>S</b>	04 GAG
	CAC
	CAG
7	950
	CGG
	GAG
36	TGC
	999
	225
27	AGA
	TGG
	CTG
18	GGT
	909
	TGC
Q	CAG
	TTC
	CIG
	2.

108	GAG
	${ m TGT}$
	GTC
66	733
	CAG
	AGA
90	999
	သည
	TCA
81	AAG
	CCA
	AGA
72	SGC
	GAG
	GCT
63	AGA
	AAA
	99

160	70T
	ر 20
	77
153	C A A
	AAG
	GAC
144	ATT
	GCC
	AGC
135	ACG
	gcc
	999
126	GCT
	999
	AGA
117	AAT
	CCG
	AGA

216	7.7. C.T.
	ATG
	TTG
207	ATC
	TTG
	ACA
198	ATG
	AGG
	CCA
189	GCA
	ACA
	AAG
180	909
	AGA
	ACA
171	AAA
	AGA
	AAC

270	AGT
	AAA
	CTC 1
61	AGC C
<i>C.</i>	
	AGG
	AAC
252	AAG
	CCA
	SILC
:43	GTG (
(1	CTG
	_
	GAG
234	AAG
	TAG
	AAA
225	CAG
	CTG (
	7GG

370	٥ ر د د
	ر ل
	A A C
369	KUK DES BAR KUL KUSI
	GCA GCA
	AAG
360	CTC AAG
	AAG
	TGG
351	CTT
	TGT
	AAT
342	AAG
	AAC TGG AAG
	AAC
333	AAG
	TGA
	TCC

#### FIGURE 1A

CAA	486 AAT N	540 CCG P	594 CCT P	648 GAG E	702 TCT S	756 AAA K
432 CCT P	GAT		CTT C			CAG A
TCA S	GAT D	GCA A	AAA K	999	AAT N	GGA G
AAT N	477 TTT F	531 ACT T	585 AAC N	639 GAT D	693 ATA I	747 AAA K
423 AGG R	AGT S	AAG K	TYT F	TGG W	AGA R	AGA R
AAG K	CAG Q	AAA K	GAT D	AAG K	TCA S	TCT
ATG M	468 AAA K	522 FCA 5	576 GAT D	630 AAG K	684 CGT R	738 CAA Q
414 ACA	A AAA K	AAA K	GAT D	AAT N	GAG E	$ ext{TTG}$
AAA	GCA	TCA	GAT D	TCA	AAA K	$ ext{TTT}$
CAG	459 AGG R	513 GAT D	567 GAT D	621 AAA K	675 ATT I	729 GAA E
405 CAA	AGA R	AAA K	AGT S	CAA Q	AAA K	GAT D
AGC	GAC D	GAT D	999	GCT A	AAA K	TCA S
TGA	450 AAG K	504 GAA E	558 TCT S	612 AAA K	666 AGT S	720 GAA E
396 CAG	AGA R	TTG	TAC Y	999 9	AAC N	GAT D
TTG	AAA K	gaa E	ATG	AAA K	GAT D	GGT G
CTG	441 AAA K	195 3AA 3	549 GAA E	603 GCT A	657 GAG E	
387 AAA CTG	ATA I	r AGC (	GTG V	AAA K	GAT D	GAA E
GAG	AAG K	GAT	AAA K	AAA AAA K K	GAG E	GGT G

FIGURE 1B

O FI	ett (h	m 4	0.4		_	
81. GA	864 GA(	918 GAA E	972 CAP Q	1026 GTA V	.080 AAT N	.134 GAA E
GAT D	AAG K	AAA K	TCT S	GGA G	GAC D	GAA E
GAA E	AAG K	CTG L	927 GAG TTA GAA ACA GGT AAA AAG GAT CAG AGT AAA CAA AAG GAA TCT CAA E L E T G K K D Q S K Q K E S Q	ACT	GAT D	AAG K
801 AAT N	855 GAA E	909 AAG K	963 AAG K	.017 GAT D	.071 GAA E	125 GAA E
	GCA A	CGG R	CAA Q	1 GTT V	1 GCA A	1 GGA G
AGT S	AAG K	CTG	AAA K	ACT T	GCT A	AAA K
792 GAA E	846 AAG K	900 AAA K	954 AGT S	.008 GTG V	062 ACA T	116 AAG K
ATA I	CAA Q	GCG A	CAG Q	1 AAA K	CCC P	1 AAA K
AAC N	GCC	AAA K	GAT D	TCC	ACT T.	AAG K
783 CCT P	837 GTG V	891 GAA E	945 AAG K	999 AAA K	.053 GAG E	107 AAG K
GGT G	ACA T	GAA E	AAA K	GTA V	GCA A	1 GAT D
CCA P	AAG K	GAT D	GGT G	ACT	AAA K	AAA K
774 AAG K	828 ATT I	882 CGA R	936 ACA T	990 GAA E	.044 GAG E	098 AAG K
AAC N	AAA K	AAG K	gaa E	GAA E	GAA E	1 AAG K
AAA K	TTC F	AAA K	TTA L	GAA E	TCT S	AAA K
765 CAG Q	819 TCC S	873 .AGA R	927 GAG E	981 TTT F	.035 GCC A	.089 GAC D
AAA AAT ( K N (	GCC	GAG E	AAA GAA K E	AAA K	1 CCT P	1 GGA G
AAA K	GAC	CGC	AAA K	981 AGG AAA TTT R K F	1035 ATT CCT GCC I P A	1089 GAA GGA GAC E G D
		•				

## FIGURE 1C

1188	GAG AAG AAA AAA GGA CCT AGC AAA GCC ACT GTT AAA GCT ATG CAA E K K K G P S K A T V K A M Q	1206 1215 1224 1233 1242 GCT AAG CTT AAA GAG GAA GAA GAA GAA GAA GAA A K L K E E E R Q K R E E E	1260 1269 1278 1287 1296 AAA CGG CTT GAA GAA AGC AAG CCG TAA GCA CAA GGA ACC K R L E E L E S K P	1314 1322 1341 1350 CCA GAC CAA AAG AGC AAG GGC ACA GGC AAG ACA CAA GGG	1359 1368 1404 GCG GCC CCC GAA TTA ATG TAC CTC TTC GCA CCG GGA CTT CCT TTC GGG GCC GTT
	AT( M	GA( E	799	CA.	225
	GCT A	GAA E	CAA	AAC	999
1179	AAA K	1233 AGA R	1287 GCA	1341 A CCA	1395 CCT TTC
	GTT V	AAG K	TAA	ACA	CCT
	ACT T	CAG Q	CCG P	AAG	CTT
1170	GCC	1224 AGA R	1278 AAG K	1332 ACA GGC	1386 CCG GGA
	AAA K	GAA E	AGC	ACA	5 2 2 2
	AGC S	GAA E	GAA E	299	GCA
1161	CCT P	1215 GAA E	1269 TTA L	1323 2 AAG	1377 PTC TTC G
	GGA G	GAG	GAA	AGC	CTC
	AAA K	AAA K	GAA E	AAG	TAC
1152	AAA K	1206 CTT L	1260 CTT L	1314 CAA	1368 ATG
	AAG K	AAG K	CGG	GAC	1 TTA
	GAG E	GCT A	AAA K	CCA	GAA
1143	AAA K		1251 ATA I		1359 : CCC
, ,	GAG E	1197 GAA GCT CTG E A L	1251 GAA CGT ATA E R I	1305 GTT TGG AAC	1 GCC
	AAA GAG AAA K E K	GAA E	GAA E	GTT	909

### FIGURE 1D

1413 1422 1431 CCT GCA AGC GGA ACC AAT TTT CCC TAA AGG 3'

g1514949 g1514949 g1514949 g1514949 g1514949 g1514949 g1514949 g1514949 NABP-1 NABP-1 NABP-1 NABP-1 NABP-1 NABP-1 NABP-1 NABP-1 E D K D S K S K K T E D K D S K S K K P AKPKVE-MYSGSDDDDDFNKLPKKAKGKAOKSNKKWDGSE ARPNSEVLLSGSEDADDPNKLSKKGK-KAOKSTKKRDGSE G Q K K N Q K G Q K K N Q K KAEKKERERKKRDE KAEKKERERKKREE ELETGKKDQSKQKESQRKFEEETVKSKV ELEKGRKEOSKOREPOKRPDEEVLVLRG KKKKKGEK KKKKTEK 田田 回 团 臼 凶 O 자 SKKIKERSRINSSGESGDESDEFLQSRK SKRSKERSRVNSSGESGGESDEFLOSRK E E K A E T P T A A E D D N E G D K K K K D E E K G D I A A T L E D D N E G D K K K K D ĸ FI Ц I 团 ध ध 田 田田 QKKA 田 DRRAKKOSFDDNDS GQKGKKTSFDENDS LK O K EEKEKKKGPSKATVKAMOEALAK DDKEKEKKKG TVACT NKPGPNIESGNEDDDASFKIK NKSVPTIDSGNEDDDSFKIK 껨 ı X R EKAKLRKLKEKE EKAKLRKVKEKE X 1 Д P A S I X S X 口 0 200 TVDTGVI 187 TPDAG--Д KEKE 团 N Q വ ſΞ Â. Z 280 I K R L 召 घ घ Ω Q 띠 ഥ Ы 臼 120 147 160 240 48 88 6

#### FIGURE 2

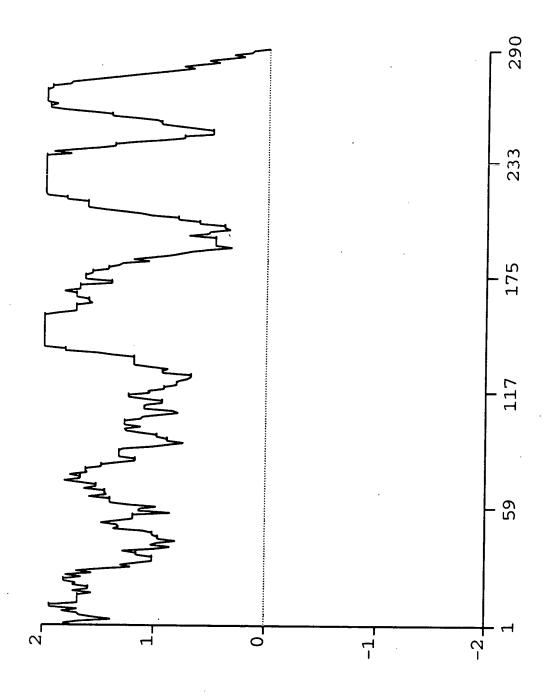


FIGURE 3A

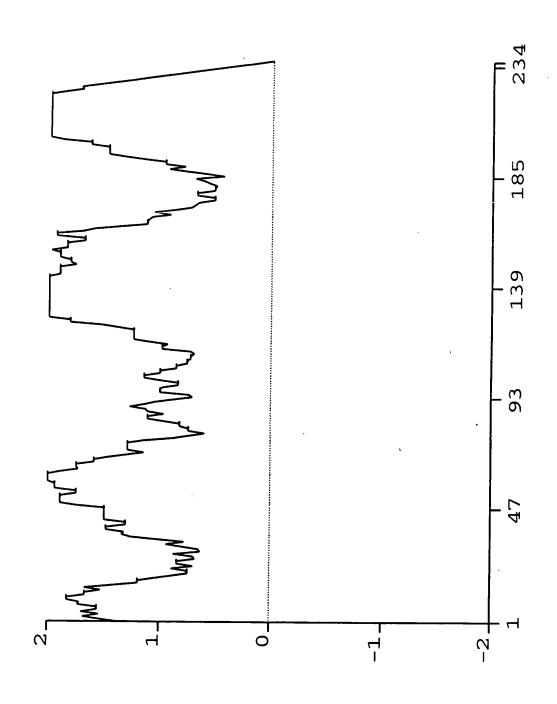


FIGURE 3B